

In response to the Office Action dated September 30, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 1-19 to read as follows. A marked-up copy these amended claims, showing the changes made thereto, is attached.

1. (Amended) An information processing apparatus having an indicator, said apparatus comprising:

designation means for designating a display direction of a display;

storage means for storing a management table for making an indication state of the indicator in the display direction correspond to control information for controlling an operation of the information processing apparatus for the indication state;

detection means for detecting the indication state of the indicator; and

control means for controlling the operation of the information processing apparatus on the basis of control information of the management table corresponding to a detection result of said detection means,

wherein said control means controls the operation of said information processing apparatus so that a relation between the display direction and an indication direction of the indicator is constant.

2. (Amended) The apparatus according to claim 1, wherein the management table makes the indication state of the indicator in the display direction

correspond to control information for controlling scroll operation of a display window of the display.

3. (Amended) The apparatus according to claim 1, wherein the display has a rectangular shape, and can serve as a vertically elongated screen for displaying a display window with a long side of the rectangle directed vertically, or a horizontally elongated screen for displaying the display window with the long side directed horizontally, and

the management table makes an indication state of the indicator, when the display direction is a vertical direction corresponding to the vertically elongated screen, correspond to control information for controlling vertical scroll operation of the vertically elongated screen, and makes an indication state of the indicator, when the display direction is a horizontal direction corresponding to the horizontally elongated screen, correspond to control information for controlling horizontal scroll operation of the horizontally elongated screen.

4. (Amended) The apparatus according to claim 1, wherein the display has a rectangular shape, and can serve as a vertically elongated screen for displaying a display window with a long side of the rectangle directed vertically, or a horizontally elongated screen for displaying the display window with the long side directed horizontally, and

the management table makes an indication state of the indicator, when the display direction is a vertical direction corresponding to the vertically elongated screen,

correspond to control information for controlling vertical scroll operation of the vertically elongated screen, and makes an indication state of the indicator, when the display direction is a horizontal direction corresponding to the horizontally elongated screen, correspond to control information for controlling vertical scroll operation of the horizontally elongated screen.

5. (Amended) The apparatus according to claim 1, wherein the management table makes the indication state of the indicator in the display direction correspond to control information for controlling a focusing operation to a plurality of focusing targets in a display window of the display.

6. (Amended) The apparatus according to claim 1, wherein said designation means includes a predetermined icon in the display.

7. (Amended) The apparatus according to claim 1, wherein said control means comprises change means for changing contents of the management table on the basis of the indication state of the indicator.

8. (Amended) The apparatus according to claim 1, wherein the indicator includes at least one of a jog dial switch and a shuttle switch.

9. (Amended) The apparatus according to claim 1, wherein said detection means detects an indication direction and an indication amount of the indicator.

10. (Amended) A control method for an information processing apparatus having an indicator, said method comprising:

a designation step of designating a display direction of a display;

a storage step of storing a management table for making an indication state of the indicator in the display direction correspond to control information for controlling an operation of the information processing apparatus for the indication state;

a detection step of detecting the indication state of the indicator; and

a control step of controlling the operation of the information processing apparatus on the basis of control information of the management table corresponding to a detection result in said detection step,

wherein, in said control step, the operation of the information processing apparatus is controlled so that a relation between the display direction and an indication direction of the indicator is constant.

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11. (Amended) The method according to claim 10, wherein the management table makes the indication state of the indicator in the display direction correspond to control information for controlling scroll operation of a display window of the display.

12. (Amended) The method according to claim 10, wherein the display has a rectangular shape, and can serve as a vertically elongated screen for displaying a display window with a long side of the rectangle directed vertically, or a horizontally

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elongated screen for displaying the display window with the long side directed horizontally, and

the management table makes an indication state of the indicator, when the display direction is a vertical direction corresponding to the vertically elongated screen, correspond to control information for controlling vertical scroll operation of the vertically elongated screen, and makes an indication state of the indicator, when the display direction is a horizontal direction corresponding to the horizontally elongated screen, correspond to control information for controlling horizontal scroll operation of the horizontally elongated screen.

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13. (Amended) The method according to claim 10, wherein the display has a rectangular shape, and can serve as a vertically elongated screen for displaying a display window with a long side of the rectangle directed vertically, or a horizontally elongated screen for displaying the display window with the long side directed horizontally, and

the management table makes an indication state of the indicator, when the display direction is a vertical direction corresponding to the vertically elongated screen, correspond to control information for controlling vertical scroll operation of the vertically elongated screen, and makes an indication state of the indicator, when the display direction is a horizontal direction corresponding to the horizontally elongated screen, correspond to control information for controlling horizontal scroll operation of the horizontally elongated screen.

14. (Amended) The method according to claim 10, wherein the management table makes the indication state of the indicator in the display direction correspond to control information for controlling a focusing operation to a plurality of focusing targets in a display window of the display.

15. (Amended) The method according to claim 10, wherein said designation step includes displaying a predetermined icon in the display.

16. (Amended) The method according to claim 10, wherein said control step comprises the change step of changing contents of the management table on the basis of the indication state of the indicator.

17. (Amended) The method according to claim 10, wherein the indicator includes at least one of a jog dial switch and a shuttle switch.

18. (Amended) The method according to claim 10, wherein said detection step comprises detecting an indication direction and an indication amount of the indicator.

19. (Amended) A computer-readable memory which stores program codes for controlling an information processing apparatus having an indicator, said computer-readable memory comprising program codes of:

a designation step of designating a display direction of a display;

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a storage step of storing a management table for making an indication state of the indicator in the display direction correspond to control information for controlling an operation of the information processing apparatus for the indication state;

a detection step of detecting the indication state of the indicator; and

a control step of controlling the operation of the information processing apparatus on the basis of control information of the management table corresponding to a detection result in said detection step,

wherein, in said control step, the operation of the information processing apparatus is controlled so that a relation between the display direction and an indication direction of the indicator is constant.

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Please add new Claims 20 through 22 as follows:

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--20. (New) An information processing apparatus having an indicator, said apparatus comprising:

designation means for designating a display direction of a display;

storage means for storing a management table for making an indication state of the indicator in the display direction correspond to control information for controlling an operation of the information processing apparatus for the indication state;

detection means for detecting the indication state of the indicator; and

control means for controlling the operation of the information processing apparatus on the basis of control information of the management table corresponding to a detection result of said detection means,

wherein said control means controls the operation of said information processing apparatus so that a relation between the display direction and an indication direction of the indicator is constant, and

wherein an operation corresponding to the indication direction of the indicator in accordance with the display direction is changeable based on a user operation of the indicator.

21. (New) A control method for an information processing apparatus having an indicator, said method comprising:

a designation step of designating a display direction of a display;

a storage step of storing a management table for making an indication state of the indicator in the display direction correspond to control information for controlling an operation of the information processing apparatus for the indication state;

a detection step of detecting the indication state of the indicator; and

a control step of controlling the operation of the information processing apparatus on the basis of control information of the management table corresponding to a detection result in said detection step,

wherein, in said control step, the operation of the information processing apparatus is controlled so that a relation between the display direction and an indication direction of the indicator is constant, and

wherein an operation corresponding to the indication direction of the indicator in accordance with the display direction is changeable based on a user operation of the indicator.

22. (New) A computer-readable memory which stores program codes for controlling an information processing apparatus having an indicator, said computer-readable memory comprising program codes of:

a designation step of designating a display direction of a display;

a storage step of storing a management table for making an indication state of the indicator in the display direction correspond to control information for controlling an operation of the information processing apparatus for the indication state;

a detection step of detecting the indication state of the indicator; and

a control step of controlling the operation of the information processing apparatus on the basis of control information of the management table corresponding to a detection result in said detection step,

wherein, in said control step, the operation of the information processing apparatus is controlled so that a relation between the display direction and an indication direction of the indicator is constant, and

wherein an operation corresponding to the indication direction of the indicator in accordance with the display direction is changeable based on a user operation of the indicator.--

REMARKS

Applicant requests reconsideration and allowance of the present application in view of the foregoing amendments and the following remarks.

Claims 1-22 are now pending in the present application. Claims 1, 10, and 19-22 are the independent claims.